

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

H.S. Gill.

Serial No.: 10/081,046

Filed: 2/20/02

For: Magnetoresistance Sensor Having An Antiferromagnetic Pinning Layer With Both Surfaces Pinning Ferromagnetic Bias Layers



Docket Number: SJO920010142US1

Group Art Unit: 2653

Examiner: C. Beacham

#6  
MDS  
1-15-04

INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING DATE OF EITHER A FINAL ACTION  
OR NOTICE OF ALLOWANCE (37 CFR 1.97(c))

RECEIVED

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

JAN 12 2004

Technology Center 2600

Dear Sir:

Pursuant to Section 707.05(b) of the MPEP and 37 CFR 1.97 and 1.98, a copy is herewith submitted (attached to form PTO-1449, Rev. 7-80) of documents which may be relevant to the invention as claimed in the above-identified application.

It is requested that the Examiner fully consider the documents cited, initial the leftmost column of the attached PTO Form 1449 adjacent each cited document, and return a copy of the Form 1449 for applicants' records. It is further requested that the documents be cited on the cover of any patent issuing from the subject application.

The citation of the above documents should not be construed as a representation that an exhaustive search has been made, or that other, more pertinent information is not available. Nor does this statement constitute an admission by applicant or applicants' attorney that the information provided herein is necessarily relevant information to applicants' invention. Moreover, applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references.

The information disclosure statement transmitted herewith is being filed after three months of the filing date of this national application or after the mailing date of the first Office Action on the merits, whichever event occurred last but before the mailing date of either a final action under 1.113 or a notice of allowance under 1.311, whichever occurs first.

**CERTIFICATE OF MAILING**

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner For Patents P.O. Box 1450, Alexandria, VA 22313-1450 on 01/05/04

Person mailing paper/fee Darci Manuleleua

Signature

Darci Manuleleua

01/09/2004 CCHAU1 00000148 090466 10081046

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S/N 10/081,046

Accompanying this Information Disclosure Statement is

☐ a certification as specified in 37 CFR 1.97(e)

OR

☒ the fee set forth in 37 CFR 1.17(p) for submission of an information disclosure statement under 1.97(c). (\$180.00)

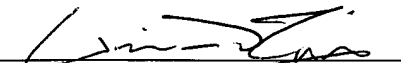
☒ Please charge Deposit Account 09-0466 in the amount of \$180.00. A duplicate of this request is attached.

☒ If any additional fees are due, please charge Deposit Account 09-0466.

Respectfully submitted

H.S. Gill

By:

  
William D. Gill (#44, 124 )  
Agent for Applicant  
IBM Corporation, IP Law  
5600 Cottle Road, L2PA/010  
San Jose, California 95193  
(408) 256-2821